

ABSTRACT OF THE DISCLOSURE

An edge image acquisition apparatus obtains an image of a time ($t - \Delta t$) and an image of time t , i.e., images different in time by Δt . The apparatus calculates their motion difference to produce a motion difference image. Furthermore the apparatus calculates a spatial difference of one of the images to produce a spatial difference image. The produced motion and spatial difference images are then logically ANDed together to produce a logically ANDed image to extract and output an edge.